

VRF Indoor Unit

MIH45T3HN18 – ARC Duct

1-phase, 220-240V, 50/60Hz



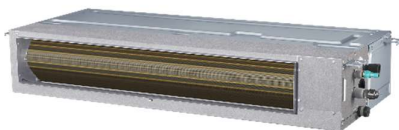
Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH45T3HN18 Features:

- ♦ High efficiency DC fan motor
- ♦ 6-step static pressure control (requires latest generation wired controllers)
- ♦ 7-speed fan control
- ♦ Fresh air intake
- ♦ High-lift drain pump with 1200mm pump head
- ♦ Built-in EXV
- ♦ Flexible installation for the air inlet may be positioned either on the underside or the rear of the unit

Specifications:

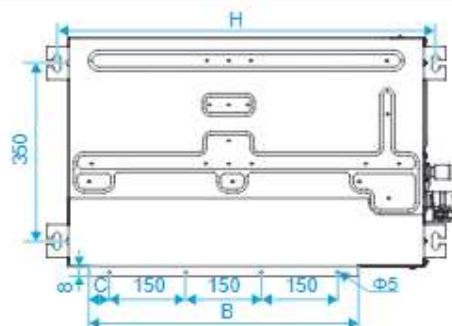
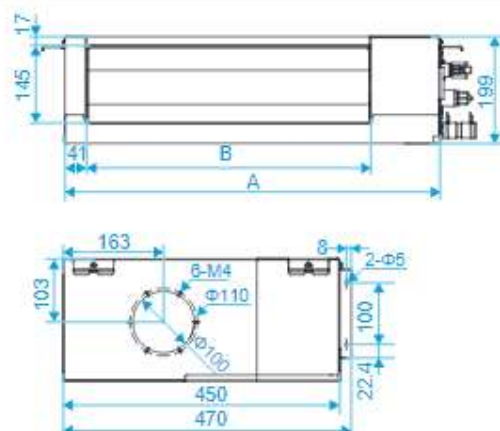
Model			MIH45T3HN18
Cooling ¹	Capacity	kW	4.5
		kBtu/h	15.4
	Power input	W	43
Heating ²	Capacity	kW	5
		kBtu/h	17.1
	Power input	W	43
Air flow rate ³		m ³ /h	800/770/701/629/557/506/435
External static pressure		Pa	10 (10-50)
Sound pressure level ⁴		dB(A)	33/32.5/32/30.5/29/27.5/26
Net dimensions ⁵ (W×H×D)		mm	900×199×450
Packed dimensions (W×H×D)		mm	1065×255×525
Net/Gross weight		kg	16.5/19.5
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7
	Drain pipe	mm	OD Φ25
Minimum Circuit Amps (MCA)		A	1.10
Recommended Fuse Size (MFA)		A	15

Notes:

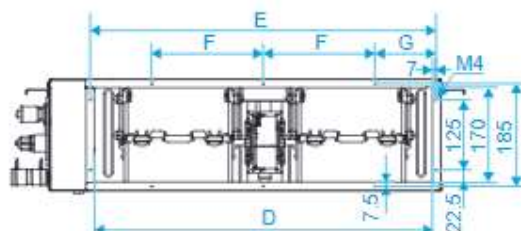
1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured 1.5m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Unit (mm)

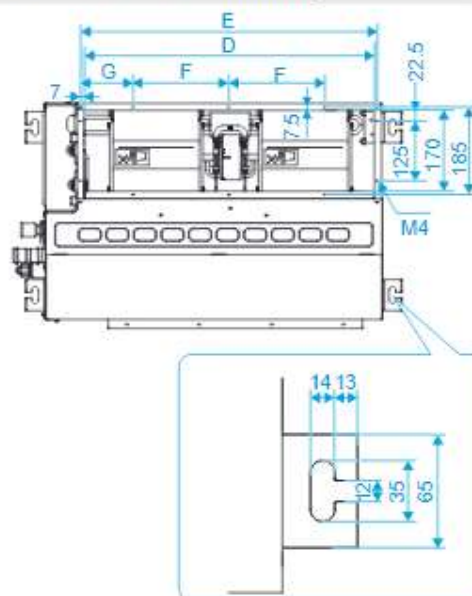
External dimension, air outlet size, and size of fresh air outlet:



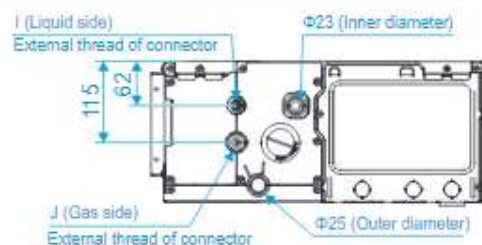
Size of return air inlet (back return air mode):



Size of return air inlet (bottom return air mode), and the distance between the lugs:



Dimension of pipe and water pipe:



Capacity (kW)	A	B	C	D	E	F	G	H	I	J
kW≤2.8	550	380	40	455	469	250	109.5	595	7/16-20 UNF	3/4-16 UNF
2.8<kW≤3.6	700	530	40	605	619	200	109.5	745		
3.6<kW≤5.6	900	730	65	805	819	200	109.5	945		
5.6<kW≤7.1	1100	930	15	1005	1019	200	109.5	1145	5/8-18 UNF	7/8-14 UNF
7.1<kW≤11.2	1600	1400	25	1505	1519	200	159.5	1645		